**Study Author PSC** [95% CI] -0.35 [-87.17; 86.47] Anil 2022 Cannon 2014 0.58 [ 0.05; 1.12] Cheng 2015 0.23 [-36.76; 37.22] Christie 2020 0.28 [ -0.81; 1.38] 0.13 [ 0.10; 0.16] deZambotti 2012 Dekker 2014 -0.13 [ -0.24; -0.02] 0.10 [ -5.56; 5.76] Dempster 2009 Domingos\_3 2021 0.01 [ -0.18; 0.21] 0.16 [ -0.00; 0.32] Domingos\_4 2021 Emmert\_2 2014 -0.37 [ -1.14; 0.41] Emmert\_1 2014 -0.28 [ -1.10; 0.53] Enz\_2 2022 -0.15 [ -7.55; 7.25] Enz\_1 2022 0.04[-5.90; 5.97]Eschmann 2022 0.02 [ 0.02; 0.03] Fedotchev 2018 0.10 [ -3.57; 3.76] Gadea 2020 0.09[-0.69; 0.87]Gevensleben 2014 0.62 [-19.15; 20.39] 0.24 [ 0.09; 0.38] Goksin 2019 0.32[-0.43; 1.06]Guleken 2020 0.16 [ -0.07; 0.39] Hellrung\_1 2018 0.58 [ 0.21; 0.95] Hellrung\_2 2018 Hoedlmoser 2008 0.05[-0.42; 0.51]Kober\_5 2013 8.80 [ 6.85; 10.75] Kober\_2 2020 4.50 [ 4.49; 4.51] Kober\_3 2022 0.31[-0.22; 0.83]-0.12 [ -1.18; 0.93] Krogmeier 2022 Maszczyk 2018 -0.26 [ -3.77; 3.25] Naas 2019 Inf [ Inf; Inf] Patel 2021 0.33 [ -2.21; 2.87] 0.01 [ -3.34; 3.36] Perez-Elvira\_2 2021 0.06[-2.73; 2.84]Perez-Elvira\_1 2021 Pimenta\_2 2018 -0.01 [ -0.28; 0.26] Pimenta\_1 2018 0.03[-0.24; 0.30]Rijken 2016 -0.06 [ -0.66; 0.54] Shibata\_1 2016 -1.21 [ -1.32; -1.09] Shibata\_2 2016 -0.28 [ -0.39; -0.16] Shtoots\_2 2021 0.26[-0.73; 1.25]0.20[-0.25; 0.66]**Shtoots 1 2021** Staufenbiel\_1 2014 0.45[-2.37; 3.28]-0.15 [ -1.99; 1.70] Staufenbiel\_2 2014 Studer\_2 2014 0.02[-0.62; 0.66]Studer\_1 2014 -0.80 [ -5.27; 3.67] Tribrat 2007 0.02[-4.08; 4.13]vanSon\_1 2020 0.64[-2.32; 3.60]vanSon\_2 2020 -0.21 [ -0.95; 0.53] Wada 2017 **-15.73** [**-27.41**; **-4.04**] Weiss 2022 0.40 [ 0.31; 0.50] Witte 2013 0.05[-0.43; 0.52]Yamashita\_1 2017 -0.49[-0.57; -0.41]Yamashita\_2 2017 1.00 [ 0.92; 1.08] ZandiMehran\_1 2013 0.01[-0.48; 0.51]Zhang 2013 -0.25 [ -1.07; 0.56] Random effects model Inf [ Inf; Inf] Heterogeneity:  $I^2 = 100\%$ , p = 0-50 0 50